To all the state of the state o		Atty. Docket No. Serial No.: To be assigned			signed		
Form PTO-1449 (Rev. 2-32)		U.S. Department of Commerce Patent & Trademark Office		Confirmation No.: To be assigned 69/964694			
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)			Applicant: Hiroyuki KINUGAWA, et al.				
						1722	
		U.S. PATE	NT DOCUMENTS				
Examiner Initial	Document Number	Date	Name	Class	Sub- Class	Filing Date (if appropriate)	
					<u> </u>	2 =	
						<u> </u>	
						469 0	
				 		500 = 0	
				<u> </u>			
				<u>- </u>	 	88	
-						- 5 =	
				1	_	-	
					-		
		FOREIGN PA	TENT DOCUMENTS				
	Document	Date	Country	Class	Sub- class	Translation Yes/No	
TOH.	53-11954	02/02/1978	Japan				
TWA	9-225975 J	09/02/1997	Japan				
TWH	3-193428	08/23/1991	Japan				
TWH	9-94851	04/08/1997	Japan				
				_			
	·						
<u></u>	OTHER DOCUM	TENTS (Including	g Author, Title, Date, Pe	ertinent Pages	s. Etc.)	<u> </u>	
	OTTER DOCUM	ETTO (Meladin	5 Framor, Title, Date, Te		3, 200.)		
				······································			
					 		
EXAMINER:	Tim Heithrink		DATE CONSIDERE	D: 2-/	4-03		
	THE THE THE						

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

Substitute for Form 1449 A& B/PTO

Sheet

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

of 1

(use as many sheets as necessary)

S Comp	neie ij Known
Application Number	09/964,694
Confirmation Number	2938
Filing Date	September 28, 2001
First Named Inventor	Hiroyuki KINUGAWA
Art Unit	1722
Examiner Name	To be assigned Tim Heit brink
Attorney Docket Number	Q65888

			U.S. I	PATENT DOCUME	ENTS	
Examiner Initials*	Cit.	Document		Publication Date		
	Cite No.1	Number	Kind Code ² (if known)	MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	
		US				
1		US				
		US				
		US				
		US				
	•	US				
		US				
		US				
		US				

			FC	REIGN PA	TENT DOCUM	ENTS	
Examiner Initials*	Cite No.1	Foreign Patent Document			Publication Date	Name of Patentee or	
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)	MM-DD-YYYY	Applicant of Cited Document	Translation ⁶
TWH		JP	05-193263 🗸	Α	08/03/1993	DAINIPPON PRINTING CO LTD	abstract
TWH		DE	694 16 356 🎍	T2	2/8/1995		no
TWH		JP	09225975 ~	Α	09/02/1997	SEKISUI CHEM CO LTD.	abstract

		OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation ⁶
TUH		Von DiplIng. Hans Gastrow et al., <u>Der Spritzgieß-Werkzeugbau in Beispielen (examples of tool manufacture for injection molding)</u> , pages 83, 84, 1975	no

	1		
Examiner Signature Jein Weitkink		Date Considered	2-14-03

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov, MPEP 901.04 or in the comment box of this document. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to indicate here if English language Translation is attached.